

HQ - 450 XM MEDICAL FILM PROCESSOR

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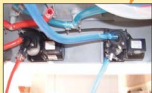


High Quality
Fast Processing
Deep Tank
Design
Full Automatic
Medical Film
Processor



Film rack transport system with high reliability

*2 Different
replenishment
pump of
developer and
fixer can be
controlled on
main control
panel*



Maximum safety with film cover



This model is manufactured for Samed only

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Fast and Large processing Volume with Small body: When 450XM is set fastest (Develop 14sec, full process time at 60 sec), it can process 35x43cm film/235pcs, 24x30cm film/345 pcs (theoretical volume). This will meet requirements on processing speed for any hospital.

High Processing Quality: On Design of chemicals circulation, we full considered its high effectiveness and include anti-oxidation cover for chemicals. With precise replenish system which replenishes automatically according to processed area, and hi-precision roller film-transport system, machine's working performance and processing quality are controlled at a very excellent level.

Easy Maintenance: Easy maintenance is well considered during the design of 450XM. This machine has small body and light weight. Every rack from develop to dryer can be all released out easily for maintenance and washing by water. Electrical control part is enclosed and mounted below the feed-in dark box. Open E-box cover and you may easily maintain every electrical component inside.

High Working Reliability: The design and manufacture of 450XM integrate the merits of similar advanced products and Samed's professional experience of nearly 30 years. This machine is well designed on film-transport rack structure, roller transport, single chip computer control, hot-air dryer, complete-autochemical replenish and circulation. It assures long period usage without failure such as film jam, scratches, not dried.

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Film Output Optional: 450XM has two modes for film output. Front film output: in this mode, whole machine is placed in dark room for processing operation. The film will be transported to machine's top cover after processing. Rear film: you only need to adjust a group in dryer exit to rear output status and open an 8x48cm whole between the dark room and separate wall. Place film collector below this whole. Film collection is in light room.

Processing Program by Full Automatic Control: 450XM is advanced full-automatic processing equipment. Controlled by a microprocessor, the machine can control chemical's temperature, replenishment, circulation and dryer automatically, with processing data programmable. Several types detection systems are interated in the machine to realize auto control on functions, such as solution level low, over high temperature, wash water's level, status of processing film and standby. There's also alarming and display function.

High-efficient Dryer: Since 450XM has much higher processing speed, besides hi-efficient air duct of dryer system, a Huqiu special squeeze roller of high performance is designed to mount on dryer's entrance. This s to assure that at conditions of high humidity, high requirement on dryer performance is met when processing.

Teknik Özellikler

Film Format	10x10 min, 43x∞ max
Film Shape	Sheet, Rulo
Film Type	Rontgen, Mammo, CT, MRI medical film
Processing procedure	Develop, Fix, Wash, Dry
Process time	60s-320s Adjustable
Developer Time	14s-80s Adjustable
Capacity, 60s process mode	10x10cm >> 3200 film/hour (4 parallel) 18x24cm >> 686 film/hour (2 parallel) 24x30cm >> 343 film/hour 35x43cm >> 235 film/hour
Film Sensor	Optical microsensor
Solution Tank Heat Range	10° ~ 40° C
Dryer Heat Control Range	40° ~ 65° C
Replenishment rate adjustment range	50 ~ 300ml for each 0.5m ²
Replenishment storage capacity	25lt
Anti Cristalization	20s duration on each 4 minutes
Anti Oxidation	Do not require programme and have oxidation preventing cover design
Tank Volumes	Developer: 10.5lt, Fixer: 10.5lt, Wate: 10.5lt
Program	5
Loud Noise Level	Less than 64 desibel
Water Use	2lt/min(process) 0lt/min stand by
Power	220V±%10 50Hz, 16A, 3.52kW
Dimensions(Length x Width x Height)/Weight	120x66x115, 50kg



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